

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E30130

Employer : Spokane County

Worksite : Spokane County

Street : 1229 W Mallon Ave

Jurisdiction : City of Spokane

Survey Date : 6/16/2017

Survey Type : Online

Response Rate : 59%

Drive Alone & One-Way VMT Rates at this Worksite

Drive Alone : 78.0%

One-Way VMT per employee : 9.5

Employees and Survey Response Information

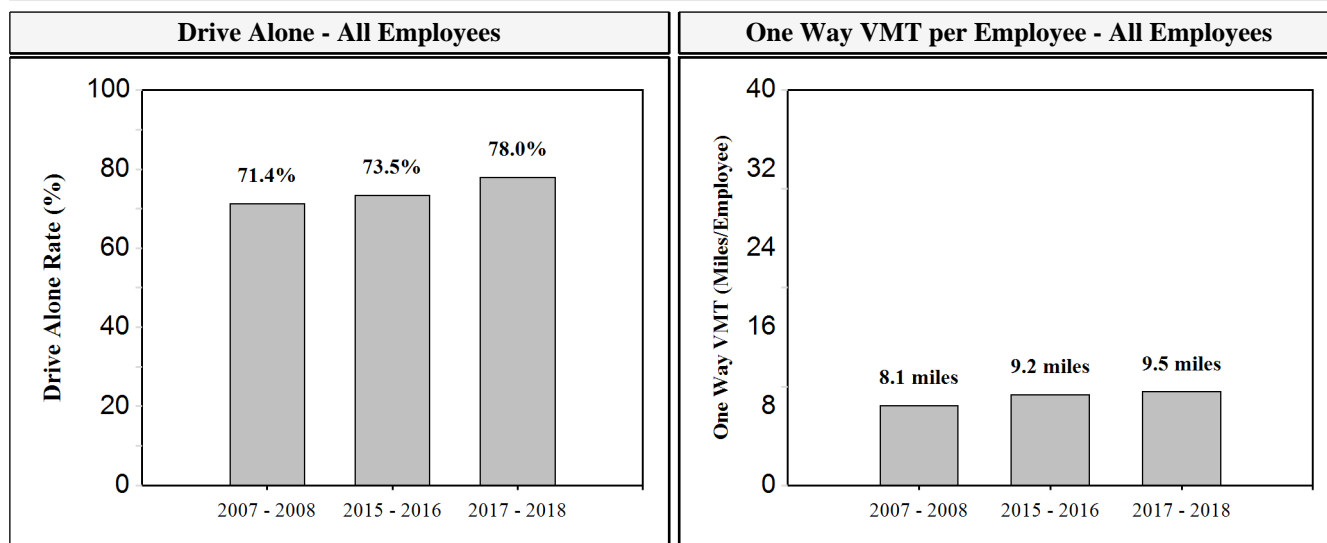
Reported Total Employees at Worksite: 1,914

Surveys Distributed : 1,914

Surveys Returned : 1,129

Surveys Returned by CTR Affected Employees : 1,024

Total Estimated CTR - Affected Employees at Worksite : 1,736



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	71.4%	71.6%	8.1	8.0
2009 - 2010	66.3%	66.1%	8.6	8.7
2011 - 2012	68.1%	67.0%	8.1	8.0
2013 - 2014	70.2%	69.4%	8.7	8.7
2015 - 2016	73.5%	72.5%	9.2	9.2
2017 - 2018	78.0%	77.1%	9.5	9.4
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	9.2%	7.7%	17.3%	17.5%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2015 - 2016	2017 - 2018	2017 - 2018 Without Fill In
Drive Alone - All Employees*	71.4%	73.5%	78.0%	73.7%
Drive Alone - CTR Affected Employees*	71.6%	72.5%	77.1%	72.2%
VMT/Employee - All Employees	8.1	9.2	9.5	9.1
VMT/Employees - CTR Affected Employees	8.0	9.2	9.4	9.0

* Drive alone rate includes one person motorcycles.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2007 - 2008	2015 - 2016	2017 - 2018
Emissions for Surveyed Employees	1,860	1,957	2,176
Estimated Emissions for Total Employment	2,633	2,281	3,690

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2015 - 2016	2017 - 2018
Bus Annual Passenger Miles - Estimated for Total Employment	522,204	449,677	864,606
Bus Annual Passenger Miles - Surveyed Employees	368,800	385,700	510,000
Ferry Annual Passenger Miles - Estimated for Total Employment	0	0	2,373
Ferry Annual Passenger Miles - Surveyed Employees	0	0	1,400
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	10,903	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	7,700	0	0

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

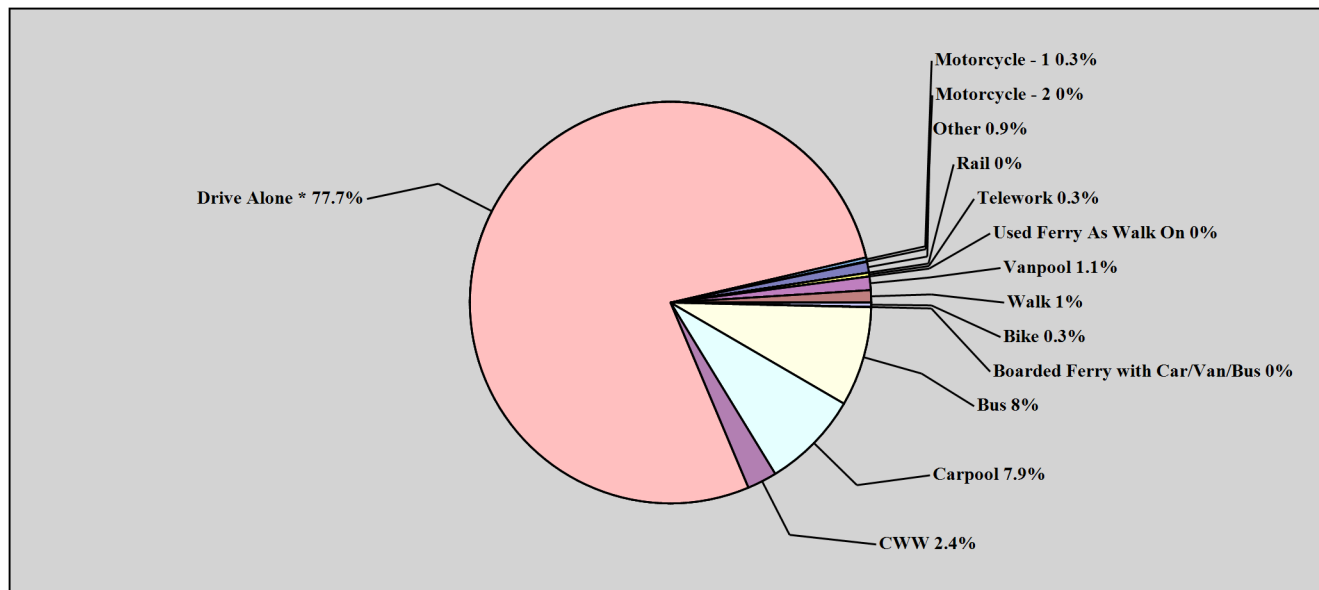
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 11.5 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



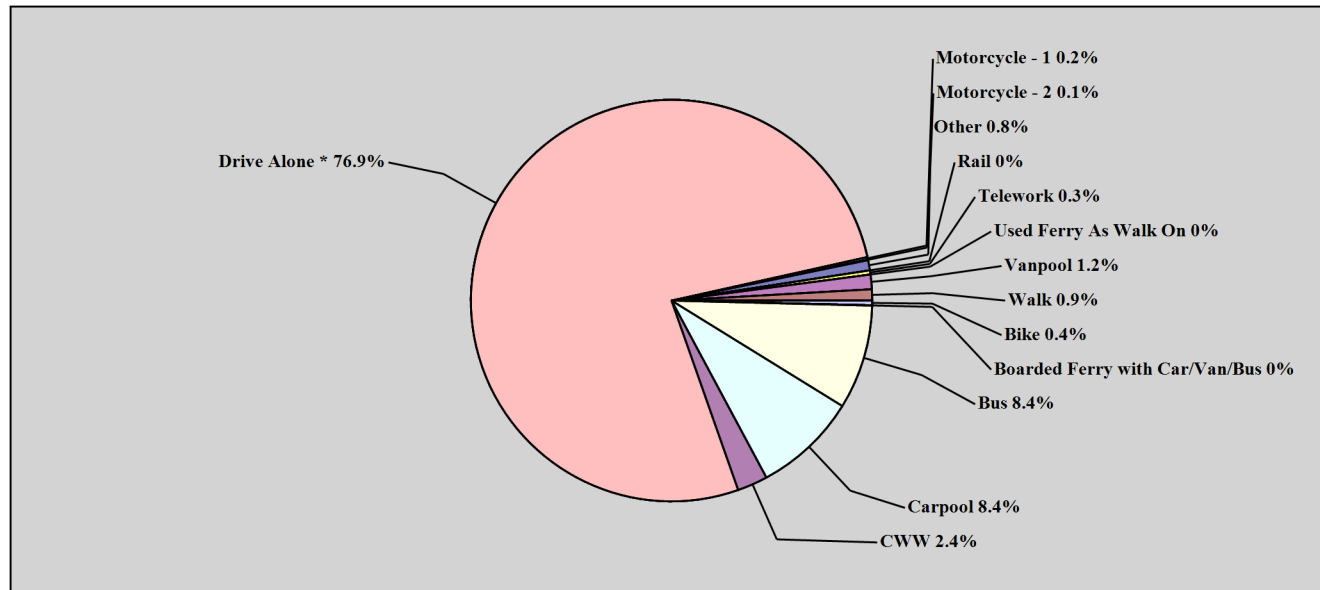
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	5,008	77.7%	73.1%	925	81.9%	83.6%
Carpool	507	7.9%	11.1%	139	12.3%	14.6%
Vanpool	70	1.1%	1.1%	20	1.8%	1.4%
Motorcycle - 1	20	0.3%	0.3%	9	0.8%	0.5%
Motorcycle - 2	3	0.0%	0.1%	1	0.1%	0.2%
Bus	517	8.0%	7.1%	141	12.5%	10.2%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	22	0.3%	0.4%	10	0.9%	0.6%
Walk	64	1.0%	0.5%	18	1.6%	0.7%
Telework	20	0.3%	0.1%	8	0.7%	0.3%
CWW	154	2.4%	5.4%	139	12.3%	25.6%
Boarded Ferry with Car/Van/Bus	2	0.0%	0.0%	1	0.1%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	56	0.9%	1.0%	17	1.5%	1.3%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	4,596	76.9%	72.3%	829	81.0%	82.5%
Carpool	500	8.4%	11.9%	136	13.3%	15.7%
Vanpool	70	1.2%	1.2%	20	2.0%	1.6%
Motorcycle - 1	12	0.2%	0.2%	6	0.6%	0.3%
Motorcycle - 2	3	0.1%	0.1%	1	0.1%	0.2%
Bus	502	8.4%	7.8%	138	13.5%	11.3%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	22	0.4%	0.4%	10	1.0%	0.5%
Walk	54	0.9%	0.4%	15	1.5%	0.6%
Telework	20	0.3%	0.1%	8	0.8%	0.3%
CWW	146	2.4%	4.6%	133	13.0%	22.1%
Boarded Ferry with Car/Van/Bus	2	0.0%	0.0%	1	0.1%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	49	0.8%	1.1%	16	1.6%	1.5%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	713	63%	1,129	100%
1 Days	108	10%	416	37%
2 Days	25	2%	308	27%
3 Days	45	4%	283	25%
4 Days	83	7%	238	21%
5 Days	144	13%	155	14%
6 or More Days	11	1%	11	1%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	403	60.7%	47	7.1%	69	10.4%	71	10.7%	0	0%	4	0.6%	11	1.7%	6	0.9%	166	25%
4 days a week (4/10s)	8	5.6%	110	77.5%	6	4.2%	2	1.4%	0	0%	1	0.7%	3	2.1%	3	2.1%	20	14.1%
3 days a week	0	0%	10	90.9%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	9.1%
9 days in 2 weeks (9/80)	91	34.7%	83	31.7%	33	12.6%	32	12.2%	0	0%	10	3.8%	1	0.4%	0	0%	83	31.7%
7 days in 2 weeks	1	10%	8	80%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	10%
Other	7	20.6%	11	32.4%	3	8.8%	3	8.8%	0	0%	0	0%	2	5.9%	2	5.9%	11	32.4%

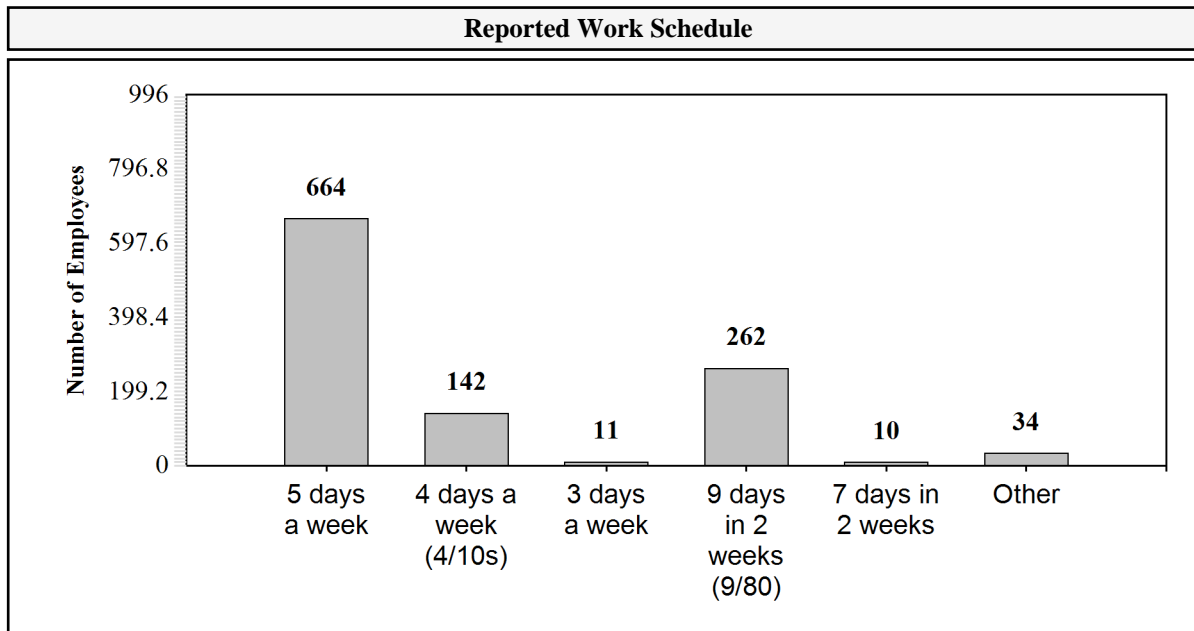
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	20
2	Motorcycle	3
2	Carpool	475
3	Carpool	25
4	Carpool	1
5	Carpool	4
>5	Carpool	2
<5	Vanpool	4
5	Vanpool	0
6	Vanpool	4
7	Vanpool	16
8	Vanpool	7
9	Vanpool	9
10	Vanpool	22
11	Vanpool	0
12	Vanpool	8
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

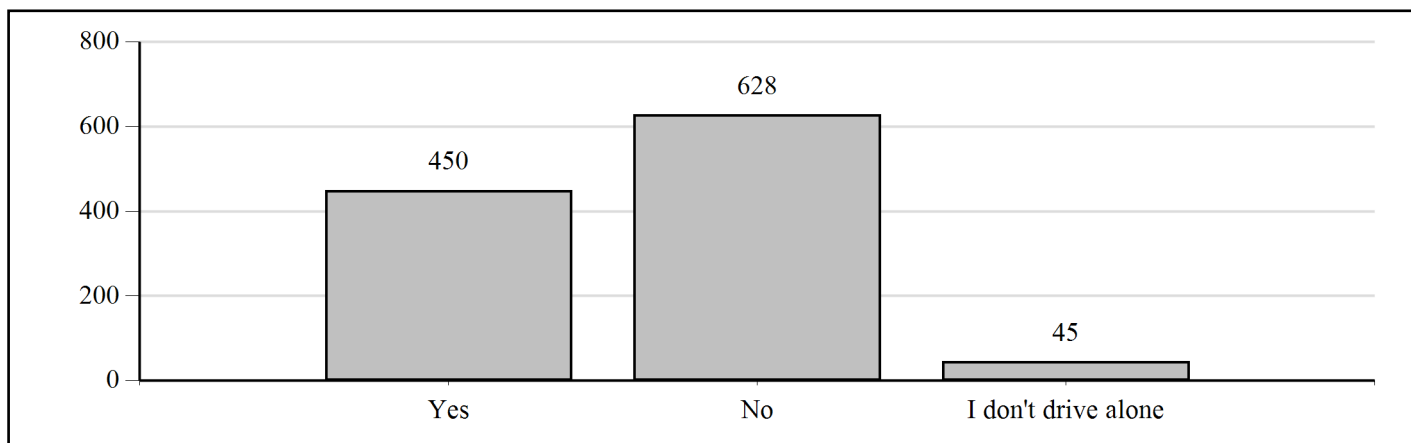
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	664	59.1%
4 days a week (4/10s)	142	12.6%
3 days a week	11	1%
9 days in 2 weeks (9/80)	262	23.3%
7 days in 2 weeks	10	0.9%
Other	34	3%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.1%
I don't telework	1062	94.1%
Occasionally, on an as-needed basis	57	5.0%
1-2 days/month	4	0.4%
1 day/week	0	0.0%
2 days/week	2	0.2%
3 days/week	3	0.3%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	415	19.7%
Cost of parking or lack of parking	279	13.2%
Free or subsidized bus, train, vanpool pass or fare benefit	270	12.8%
Other	240	11.4%
Environmental and community benefits	206	9.8%
Personal health or well-being	181	8.6%
Financial incentives for carpooling, bicycling or walking.	166	7.9%
Emergency ride home is provided	125	5.9%
Driving myself is not an option	109	5.2%
Preferred/reserved carpool/vanpool parking is provided	53	2.5%
I have the option of teleworking	35	1.7%
I receive a financial incentive for giving up my parking space	23	1.1%
To save time using the HOV lane	4	0.2%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	767	28.7%
Riding the bus or train is inconvenient or takes too long	610	22.8%
Family care or similar obligations	455	17.0%
Other	309	11.6%
My job requires me to use my car for work	172	6.4%
My commute distance is too short	142	5.3%
Bicycling or walking isn't safe	140	5.2%
I need more information on alternative modes	40	1.5%
There isn't any secure or covered bicycle parking	36	1.3%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	5	0	0	0	0	0	0	0	0	10
2	9	0	0	0	0	0	0	0	0	7
3	6	0	0	0	0	0	1	0	0	5
4	6	0	0	0	0	0	0	0	0	16
5	7	0	0	0	0	0	0	0	0	16
6	4	0	0	0	0	0	0	0	0	6
7	1	0	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	9
9	1	0	0	0	0	0	0	0	0	0
10	5	0	1	0	0	0	0	0	0	10
11 or more	1	0	0	0	0	0	0	0	0	4
# Of Employees using Transit	46	0	1	0	0	0	1	0	0	83
Total One-Way Transit Trips Per Week	216	0	10	0	0	0	3	0	0	449

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	5	0	0	0	0	0	0	0	0	9
2	8	0	0	0	0	0	0	0	0	7
3	6	0	0	0	0	0	1	0	0	5
4	6	0	0	0	0	0	0	0	0	15
5	7	0	0	0	0	0	0	0	0	15
6	4	0	0	0	0	0	0	0	0	6
7	1	0	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	9
9	1	0	0	0	0	0	0	0	0	0
10	5	0	1	0	0	0	0	0	0	8
11 or more	1	0	0	0	0	0	0	0	0	4
# Of Employees using Transit	45	0	1	0	0	0	1	0	0	78
Total One-Way Transit Trips Per Week	214	0	10	0	0	0	3	0	0	419

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	1	0.09%	7	0	0	0	0	0	0	0	0	0	0	0	0
65468	1	0.09%	4	0	0	0	0	0	0	0	0	1	0	0	0
83814	3	0.27%	13	0	0	0	0	0	0	0	0	1	0	0	0
83815	11	0.97%	24	0	16	0	4	0	0	0	0	9	0	0	3
83835	6	0.53%	15	0	9	0	1	0	0	0	0	1	0	0	0
83854	18	1.59%	36	0	27	0	8	0	0	0	5	5	0	0	0
83858	4	0.35%	11	0	8	0	0	0	0	0	0	0	0	0	0
83869	2	0.18%	9	2	0	0	0	0	0	0	0	0	0	0	0
99001	9	0.80%	25	5	0	0	9	0	0	0	0	3	0	0	1
99003	15	1.33%	65	1	4	0	0	0	0	0	0	0	0	0	4
99004	32	2.83%	119	10	0	1	12	0	0	0	0	7	0	0	0
99005	45	3.99%	120	32	5	0	47	0	0	0	0	7	0	0	0
99006	24	2.13%	90	7	0	1	10	0	0	0	0	4	0	0	0
99009	2	0.18%	9	0	0	0	0	0	0	0	0	0	0	0	0
99011	1	0.09%	4	0	0	0	0	0	0	0	0	0	0	0	0
99012	2	0.18%	9	0	0	0	0	0	0	0	0	1	0	0	0
99016	23	2.04%	94	4	0	0	5	0	0	0	0	3	0	0	5
99019	18	1.59%	71	3	1	1	14	0	0	0	0	1	0	0	0
99021	25	2.21%	79	13	0	0	25	0	0	0	0	3	0	0	0
99022	14	1.24%	52	4	0	0	5	0	0	0	0	3	0	0	0
99025	17	1.51%	47	7	0	0	13	0	0	0	0	3	0	0	1
99026	18	1.59%	68	13	0	0	3	0	0	0	0	0	0	0	4
99027	12	1.06%	48	3	0	0	7	0	0	0	0	1	0	0	0
99030	1	0.09%	0	4	0	0	0	0	0	0	0	1	0	0	0
99031	2	0.18%	0	0	0	0	0	0	0	0	0	1	0	0	0
99033	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0



99036	1	0.09%	4	0	0	0	0	0	0	0	0	1	0	0	0
99037	30	2.66%	129	5	0	0	0	0	0	0	0	4	0	0	1
99039	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0
99110	4	0.35%	16	0	0	0	0	0	0	0	0	0	0	0	0
99119	1	0.09%	4	0	0	0	0	0	0	0	0	0	0	0	0
99122	2	0.18%	6	4	0	0	0	0	0	0	0	0	0	0	0
99148	4	0.35%	15	5	0	0	0	0	0	0	0	0	0	0	0
99156	3	0.27%	5	9	0	0	0	0	0	0	0	0	0	0	0
99181	1	0.09%	4	0	0	0	0	0	0	0	0	0	0	0	0
99201	31	2.75%	65	14	0	0	6	0	10	46	0	1	0	0	3
99202	23	2.04%	66	0	0	0	26	0	5	4	0	3	0	0	0
99203	54	4.78%	201	33	0	0	22	0	1	0	1	5	0	0	5
99204	17	1.51%	50	4	0	0	17	0	0	14	0	1	0	0	0
99205	124	10.98%	450	59	0	0	70	0	1	0	0	12	0	0	0
99206	68	6.02%	271	28	0	8	8	0	0	0	1	9	2	0	0
99207	46	4.07%	155	28	0	0	35	0	0	0	0	3	0	0	5
99208	150	13.29%	535	88	0	1	52	0	4	0	3	24	0	0	6
99209	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0
99212	35	3.10%	127	29	0	0	12	0	0	0	0	2	0	0	0
99213	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0
99216	41	3.63%	136	17	0	0	39	0	0	0	0	6	0	0	0
99217	33	2.92%	115	24	0	0	8	0	0	0	0	11	0	0	0
99218	32	2.83%	93	4	0	4	37	0	0	0	8	5	0	0	3
99223	72	6.38%	276	21	0	7	22	0	1	0	2	5	0	0	8
99224	47	4.16%	192	27	0	0	0	0	0	0	0	7	0	0	7